



2121  
4.3.02

PATENT  
Customer No. 22,852  
Sun Docket No. P5294NP  
Attorney Docket No. 06502.0376

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Guy L. STEELE, JR.

Application No.: 10/035,582

Filed: December 28, 2001

For: FLOATING POINT SYSTEM WITH  
IMPROVED SUPPORT OF  
INTERVAL ARITHMETIC

)  
)  
) Group Art Unit: 2121  
)  
) Examiner: Unassigned  
)  
)  
)  
)  
)  
)

RECEIVED

MAR 28 2002

Technology Center 2100

Commissioner for Patents and Trademarks  
Washington, DC 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application. Copies of the listed documents, including any copending patent applications, are attached.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: March 27, 2002

By: 

D. Kent Stier  
Reg. No. 50,640  
(404) 653-6559

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com



# INFORMATION DISCLOSURE CITATION

Atty. Docket No. 0651-0011-0376	Serial No. 10/035,582
Applicant Guy L. Steele, Jr.	<b>RECEIVED</b> <b>MAR 28 2002</b>
Filing Date December 28, 2001	

U.S. PATENT DOCUMENTS							Technology Center 2100
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate	
	5,347,481	9/13/94	Williams	364	748	2/1/93	
	5,347,482	9/13/94	Williams	364	757	12/14/92	
	6,131,106	10/10/00	Steele, Jr.	708	510	1/30/98	
	10/028,375		Steele, Jr.			12/28/01	
	10/035,579		Steele, Jr.			12/28/01	
	10/035,580		Steele, Jr.			12/28/01	
	10/035,581		Steele, Jr.			12/28/01	
	10/035,583		Steele, Jr.			12/28/01	
	10/035,584		Steele, Jr.			12/28/01	
	10/035,585		Steele, Jr.			12/28/01	
	10/035,586		Steele, Jr.			12/28/01	
	10/035,587		Steele, Jr.			12/28/01	
	10/035,589		Steele, Jr.			12/28/01	
	10/035,595		Steele, Jr.			12/28/01	
	10/035,647		Steele, Jr.			12/28/01	
	10/035,674		Steele, Jr.			12/28/01	
	10/035,741		Steele, Jr.			12/28/01	
	10/035,746		Steele, Jr.			12/28/01	
	10/035,747		Steele, Jr.			12/28/01	
	10/036,133		Steele, Jr.			12/28/01	

FOREIGN PATENT DOCUMENTS						
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No



OMB No. 0651-0011

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	06502.0376	Serial No.	10/035,582	<b>RECEIVED</b> MAR 28 2002 Technology Center 2100
Applicant	Guy L. Steele, Jr.			
Filing Date	December 28, 2001	Group:	2121	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Title: "Safe Treatment of Overflow and Underflow Conditions", by Robert A. Fraley & J. Stephen Walther, Hewlett-Packard Co., pgs. 1-5.
	Title: "Vax Floating Point: A Solid Foundation for Numerical Computation", by Mary Payne & Dileep Bhandarkar, Digital Equipment Corp., pgs. 1-12.
	Title: Lecture Notes on the Status of "IEEE Standard 754 for Binary Floating-Point Arithmetic", by Prof. W. Kahan, May 31, 1996, pgs. 1-30.
	Title: "Interval Arithmetic Specification" by Dmitri Chiriaev & G. William Walster, Draft revised May 4, 1998, pgs. 1-78.
	Title: "IEEE Standard for Binary Floating-Point Arithmetic IEEE Standard 754-1985," by Standards Committee of the IEEE Computer Society, The Institute of Electrical and Electronics Engineers, Inc., copyright 1985, pgs. 1-14.

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce